

**JOHN DEERE
(OTTUMWA WORKS
LANDFILLS)**

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EPA ID# IAD005291182

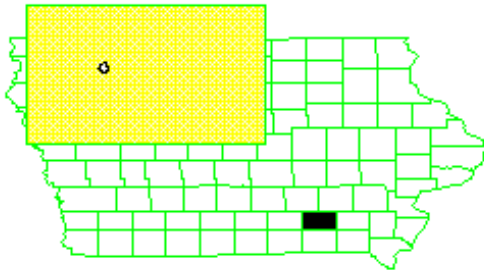
EPA Region 7

City: Ottumwa

County: Wapello County

06/02/2003

**Other Names: JOHN DEERE OTTUMWA
WORKS**



SITE DESCRIPTION

The John Deere (Ottumwa Works Landfills) site consists of a 118-acre tract of land and has been used for the manufacture of farm implements since 1946. From 1911 until 1973, the company disposed of approximately 3,000 tons of solvents, paint sludges, acids, heavy metals, and cyanide on site. The site is located 200 feet from prime agricultural land. Approximately 700 people obtain drinking water from private wells located within 3 miles of the site. The main water supply for Ottumwa, population 27,000, is the Des Moines River; the intake is 4,000 feet upstream from the John Deere landfills. The river also is used for recreational activities. The city's secondary water supply, which is used intermittently throughout the year, is Black Lake. It is located 500 feet downgradient of the on-site landfills.

Site Responsibility:

This site was addressed through Federal and potentially responsible parties' actions.

NPL LISTING HISTORY

Proposed Date: 06/24/1988

Final Date: 02/21/1990

Deleted Date: 01/22/2001

THREATS AND CONTAMINANTS

Low levels of various heavy metals from site disposal activities have been detected in the soil, surface water, and sediments. Also, low levels of methylene chloride, a volatile organic compound (VOC), were detected in the soil and sediments. Potential risks may have existed for individuals who accidentally ingested or came into direct contact with contaminated soil and surface water.

CLEANUP APPROACH

Response Action Status

Entire Site: Under EPA oversight, the John Deere Company began an investigation in 1990 to determine the type and extent of contamination. Field work was completed in late 1990, and the investigation was completed in late 1991. Based on the results of this investigation, the EPA selected a remedy requiring the John Deere Company to maintain the existing fence around the site, and to continue monitoring the ground water to ensure that it remains safe. In addition, on the property and State Highway right-of-way, deed restrictions now limit site use to nonresidential activities.

Site Facts: In 1989, John Deere Company entered into an Administrative Order on Consent with the EPA to investigate the type and extent of contamination at the site and to identify alternative technologies for the cleanup. On September 25, 1992, John Deere Company and the Iowa Department of Transportation signed a Consent Decree with EPA to implement the selected remedy.

ENVIRONMENTAL PROGRESS



Intensive investigations of site conditions have shown that the site does not pose a significant threat to people and the environment. To ensure that there are no future threats, ground water monitoring and land-use restrictions have been put in place. The EPA will continue to monitor the ground

water at the John Deere (Ottumwa Works Landfills) site to ensure that site conditions remain safe. A five-year review was completed in January 1998. Ground water has not been impacted by the waste left in place as evidenced by the nine of the thirteen wells are recommended for abandonment. Prior to well abandonment, EPA recommends that one round of ground water samples be collected from all monitoring wells. The next five-year review is scheduled for the year 2003.

SITE REPOSITORY



Ottumwa Public Library, 129 N. Court
Street, Ottumwa, IA 52501

Superfund Records Center
901 N. 5th St.
Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

SITE MANAGER:

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(913) 551-7804

COMMUNITY INVOLVEMENT COORDINATOR: Beckie Himes

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STATE CONTACT:

Bob Drustrup

PHONE NUMBER:

(515) 281-8900

MISCELLANEOUS INFORMATION

STATE:

IA

07Y4

CONGRESSIONAL DISTRICT:

03

EPA ORGANIZATION:

SFD-IANE/SUPR

MODIFICATIONS

Created by:

Karla
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Last Modified by: Jude

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